

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 03/14579

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 B64G1/64 B64G1/10 H04B7/185

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B64G H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/179775 A1 (TURNER ANDREW E) 5 December 2002 (2002-12-05)	1-4, 10, 11, 13-15
Y	abstract paragraph '0034! paragraph '0017! paragraph '0023! figure 1	9, 12, 16
Y	PATENT ABSTRACTS OF JAPAN vol. 0153, no. 18 (M-1146), 14 August 1991 (1991-08-14) & JP 3 118300 A (NATL SPACE DEV AGENCY JAPAN<NASDA>; others: 01), 20 May 1991 (1991-05-20) abstract	9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

13 April 2004

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19/04/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 296 205 B1 (FLEETER RICHARD D ET AL) 2 October 2001 (2001-10-02) abstract column 2, line 40 - column 5, line 20 column 7, line 6 - line 8 -----	12,16
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 04, 31 May 1995 (1995-05-31) & JP 7 010096 A (NEC CORP), 13 January 1995 (1995-01-13) abstract paragraph '0008! - paragraph '0010! -----	1-4,10, 11
X	THOMAS U ET AL: "THE ARIANE TRANSFER VEHICLE (ATV) SYSTEM STUDIES" ESA BULLETIN, ESA SCIENTIFIC AND PUBLICATIONS BRANCH. NOORDWIJK, NL, no. 67, 1 August 1991 (1991-08-01), pages 71-77, XP000222547 ISSN: 0376-4265 page 71, column 1 page 74, column 1, paragraph 2 - paragraph 4; figure 4 -----	1-4,11, 14,15
A	PATENT ABSTRACTS OF JAPAN vol. 0165, no. 85 (M-1347), 25 December 1992 (1992-12-25) & JP 4 232196 A (ISHIKAWAJIMA HARIMA HEAVY IND CO LTD), 20 August 1992 (1992-08-20) abstract -----	1-4,15, 16
A	US 5 299 764 A (SCOTT DAVID R) 5 April 1994 (1994-04-05)  abstract column 2, line 40 - line 52 figure 5 -----	1-3,10, 11,13, 15,16

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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